

CorrectedSequenceListing-3rd.txt  
SEQUENCE LISTING

<110> TAKESHIMA, Seiji  
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OKA, Masanori  
HIRAYAMA, Noriaki

<120> MODIFIED PYRROLOQUINOLINE QUINONE (PQQ) DEPENDENT GLUCOSE DEHYDROGENASE EXCELLENT IN SUBSTRATE SPECIFICITY

<130> 251134

<150> PCT/JP2004/012508  
<151> 2004-08-31

<150> JP 2003-315797  
<151> 2003-09-08

<150> JP 2003-315799  
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<150> JP 2004-060283  
<151> 2004-03-04

<150> JP 2004-060282  
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<150> JP 2004-151905  
<151> 2004-05-21

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<170> PatentIn version 3.1

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Phe Asp Lys Lys Val Ile Leu Ser Asn Leu Asn Lys Pro His Ala Leu  
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Leu Trp Gly Pro Asp Asn Gln Ile Trp Leu Thr Glu Arg Ala Thr Gly  
35 40 45

Lys Ile Leu Arg Val Asn Pro Val Ser Gly Ser Ala Lys Thr Val Phe  
50 55 60

Gln Val Pro Glu Ile Val Ser Asp Ala Asp Gly Gln Asn Gly Leu Leu  
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Gly Phe Ala Phe His Pro Asp Phe Lys His Asn Pro Tyr Ile Tyr Ile

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Ser Gly Thr Phe Lys Asn Pro Lys Ser Thr Asp Lys Glu Leu Pro Asn  
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Gln Thr Ile Ile Arg Arg Tyr Thr Tyr Asn Lys Thr Thr Asp Thr Phe  
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Glu Lys Pro Ile Asp Leu Ile Ala Gly Leu Pro Ser Ser Lys Asp His  
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Gln Ser Gly Arg Leu Val Ile Gly Pro Asp Gln Lys Ile Tyr Tyr Thr  
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Ile Gly Asp Gln Gly Arg Asn Gln Leu Ala Tyr Leu Phe Leu Pro Asn  
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Gln Ala Gln His Thr Pro Thr Gln Glu Leu Asn Ser Lys Asp Tyr  
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His Thr Tyr Met Gly Lys Val Leu Arg Leu Asn Leu Asp Gly Ser Val  
 195 200 205

Pro Lys Asp Asn Pro Ser Phe Asn Gly Val Val Ser His Ile Tyr Thr  
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Leu Gly His Arg Asn Pro Gln Gly Leu Ala Phe Ala Pro Asn Gly Lys  
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Leu Leu Gln Ser Glu Gln Gly Pro Asn Ser Asp Asp Glu Ile Asn Leu  
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Val Leu Lys Gly Gly Asn Tyr Gly Trp Pro Asn Val Ala Gly Tyr Lys  
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Asp Asp Ser Gly Tyr Ala Tyr Ala Asn Tyr Ser Ala Ala Thr Asn Lys  
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Val Pro Val Thr Lys Glu Ser Glu Trp Thr Gly Lys Asn Phe Val Pro  
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Pro Leu Lys Thr Leu Tyr Thr Val Gln Asp Thr Tyr Asn Tyr Asn Asp  
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Ser Ser Ala Tyr Val Tyr Thr Gly Gly Lys Lys Ala Ile Pro Gly Trp  
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Glu Asn Thr Leu Leu Val Pro Ser Leu Lys Arg Gly Val Ile Phe Arg  
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CorrectedSequenceListing-3rd.txt

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CorrectedSequenceListing-3rd.txt  
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CorrectedSequenceListing-3rd.txt

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CorrectedSequenceListing-3rd.txt

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CorrectedSequenceListing-3rd.txt

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